

Converting Colors

Hex(7F5133)

Have a look what the booklet for
Hex(7F5133) contains.

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Color

Hex(7F5133)

Conversions

Conversions Part 1

Format	Color
Hex	7F5133
RGB	127, 81, 51
RGB Percent	50%, 32%, 20%
CMY	0.5020, 0.6824, 0.8000
CMYK	0.00, 0.36, 0.60, 0.50
HSL	24°, 43%, 35%
HSV	24°, 60%, 50%
XYZ	12.2924, 10.6359, 4.5370
YIQ	91.3340, 37.0460, 0.4220

Conversions

Conversions Part 2

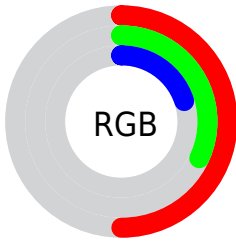
Format	Color
R_{YB}	127, 101, 51
Decimal	8343859
CIE Lab	38.96, 15.96, 25.42
CIE LCh	39, 30.014, 57.886
Yxy	10.6359, 0.4476, 0.3872
Android (android.graphics.Color)	4286533939 (0xFF7F5133)
YUV	91.3340, -19.8847, 31.2791
Hunter-Lab	32.6127, 10.2078, 14.5806

Details

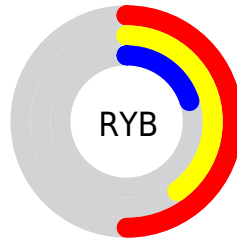
The Hex color **7F5133** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33617F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B68362**, and **4B2406** is the 20% darker color. If you saturate the color by 10%, you get **7F4926**, and if you desaturate by 10%, it is **7F5940**.

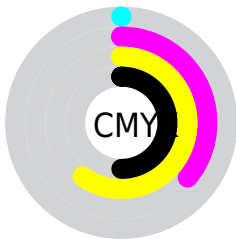
Distribution



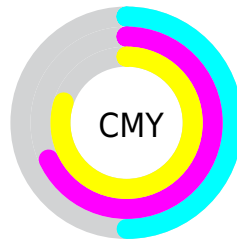
- Red (50%)
- Green (32%)
- Blue (20%)



- Red (50%)
- Yellow (40%)
- Blue (20%)



- Cyan (0%)
- Magenta (36%)
- Yellow (60%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F5133 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7F5133 by changing the saturation by 10% instead.

 7F5133

 7F5133

FFFFFF

 643A1D

 B68362

 4B2406

 D39D7B

 310F00

 F0B895

 180001

 FFD3B0

 000000

 FFF0CB

 FFFFE8

 7F5133

 7F5133

 7F4926

 7F5940

 7F421A

 7F604C

 7F3A0D

 7F6859

 7F3200

 7F7066

 7F7773

 7F7F7F

 7F878C

 7F8E99

 7F96A5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



894A46



7F5133



6C5A2A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7F5133



006859



5B5687

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7F5133



33617F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



2E5F8C



7F5133



006872

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7F5133



366641



006584



784D76

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7F5133



5C5F2C



006584



4E598A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7F5133



A69488



7F3362



544942



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7F5133



A65E2E



7F7633



403C39



803200



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



33617F



2E77A6



333C7F



393D40



004D80



000000

Previews

White Background



This preview shows how the Hex color 7F5133 looks on a white background.

Color Contrast Check

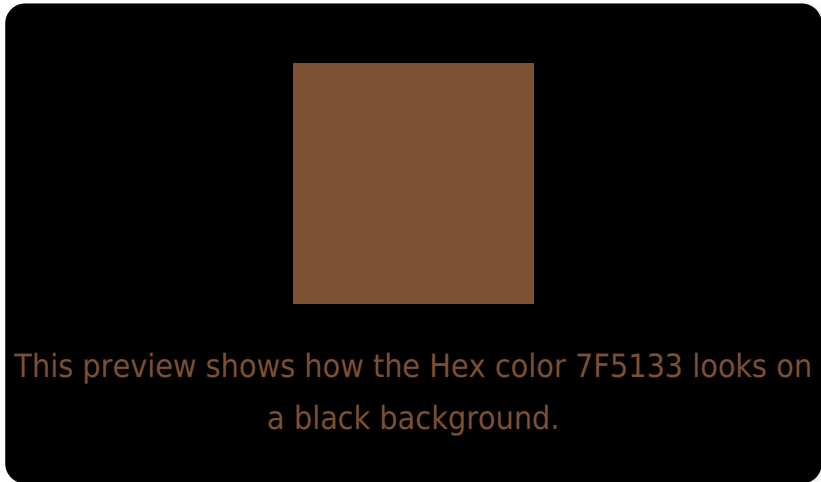
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7F5133 Background



This preview shows how black text looks on a background with the Hex color 7F5133.



This preview shows how white text looks on a background with the Hex color 7F5133.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
7F5133

Protanopia
655C37

Deuteranopia
715832



Tritanopia
814D53

Trichromacy



Original Color
7F5133

Protanomaly
6E5836

Deuteranomaly
765532

Tritanomaly
804E47

Monochromacy



Original Color
7F5133

Achromatopsia
5B5B5B

Achromatomaly
68574C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F5133 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7F5133 looks like.

```
.text, #text, p{  
    color:#7F5133  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7F5133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F5133
}
```

Border

The CSS property to change the border of an element to Hex 7F5133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

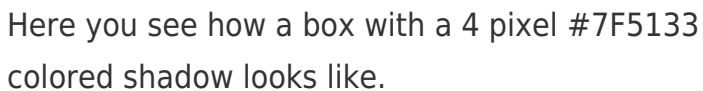
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F5133 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7F5133 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7F5133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F5133; -webkit-box-shadow:4px 4px  
4px 4px #7F5133; box-shadow:4px 4px 4px  
4px #7F5133 }
```

Background

The CSS property to change the background color of an element to Hex 7F5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F5133 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7F5133 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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